

Program Increment 1 Objectives

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Objective	Value	Team
Allow limiting the size of the facet response so that the response comes back faster	9	CMR
Provide full featured V2 facets API so that EDSC does not duplicate logic and becomes less coupled with CMR.	9	CMR
Allow retrieving collections results with full UMM-C JSON so that I get a more web application friendly representation of collection metadata.	8	CMR
Implement UMM validation using UMM Spec library so that we can get rid of the legacy UMM library and reduce cost of maintenance and frequency of bugs.	7	CMR
Implement mapping for organization and personnel for DIF and ECHO10 so that providers with DIF and ECHO10 data can switch to MMT without data loss.	7	CMR
Enable MMT to check permissions and display info for ACLs	3	CMR ECHO Transition
Enable MMT to offer ACL Search	3	CMR ECHO Transition
Enable users to delete ACLs	3	CMR ECHO Transition
Get SOAP Services fully working in SIT and UAT so that we can continue ECHO transition which allows hardware shutdown and move to the cloud.	7	CMR ECHO Transition
Plan Catalog REST Transition so that we remove redundant software and reduce maintenance costs.	7	CMR ECHO Transition
Complete the SIT database migration to NGAP so that we can demonstrate the capability of running the CMR database in the cloud.	7	CMR Cloud
Implement a message queue using SNS and SQS so that we can remove the dependency on RabbitMQ and reduce costs.	4	CMR Cloud
Deliver Development Portal landing page and "Getting Started" option, so that users may fix necessary documentation	9	Earthdata / Earthdata Login
Give access to CMR, "Host an Application", and "Search Data Tool" documentation	9	Earthdata / Earthdata Login

Deliver a way to configure NGAP Applications	4	Earthdata / Earthdata Login
Create POC for both NAMS and 2-factor Authentication	10	Earthdata / Earthdata Login
Integrate with CMR facet API to deliver a better, more consistent search and discovery experience	9	EDSC
Deploy EDSC to NGAP to prove NGAP capabilities, process, and procedures	9	EDSC
Enhance temporal and spatial selection tools, and update collection and granule list designs	9	EDSC
		ECHO
		EI
EDSC deployed to NGAP and externally accessible	9	NGAP
CMR support for NGAP deployment complete. Does not include database migration support/completion	7	NGAP
NGAP baseline complete so that additional supported applications can be on-boarded. Does not include UX treatment	9	NGAP
ASF Support complete	10	NGAP
POA&Ms are complete so that all open security issues are closed	9	NGAP
Provide data access services (subsetting, reformatting and reprojection) for mission products (ICESat-2, SMAP and VIIRS) so that users can access and download data in a format of their choosing and specific subset of interest.		SDPS
Provide a generic programmatic WCS compliant API that will allow the science community to automate access to data services		SDPS
Provide support for Earth Data Login for all data access so that ESDIS can have metrics for user access in accordance with EOSDIS policy		SDPS
Style adapters supported by the developer portal to ensure content is delivered consistently throughout the application.	8	UI/UX
Support EDSC's efforts to respond to the LP DAAC usability study by delivering updated comps that help EDSC become a more user-friendly and effective search, discovery, and access tool.	9	UI/UX
Demonstrate basic end-to-end ingest and distribution of GIBS data in support of the GIBS-in-the-Cloud Prototype so that ESDIS can characterize the feasibility of moving GIBS to the cloud	10	GIBS Prototype

Identify feature requirements for the NGAP sandbox so we may seamlessly transition to a cloud-based operational environment	7	GIBS Prototype
Enable Automated scans which provide actionable reports to improve security of public facing services	8	CD/CI
Improve CI/Bamboo performance and/or capacity to reduce lag time from Development to Deployment.	5	CD/CI